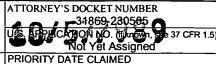


PTO-1390 (Rev. 07-2005)
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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371



CON	CERNING A SUBMISSIO	N UNDER 35 U.S.C. 371	Not Yet Assigned
	TIONAL APPLICATION NO. PCT/JP2004/015891	INTERNATIONAL FILING DATE 27 October 2004	PRIORITY DATE CLAIMED
	INVENTION	27 October 2004	4 November 2003
	ANCELLER		
APPLICAN Masashi	IT(S) FOR DO/EO/US TAKADA		
		es Designated/Elected Office (DO/EO/	JS) the following items and other information:
1. X 7	his is a FIRST submission of items	s concerning a submission under 35 U.	S.C. 371.
2. 1	This is a SECOND or SUBSEQUEN	NT submission of items concerning a su	ubmission under 35 U.S.C. 371.
	This is an express request to begin include items (5), (6), (9) and (21) in	national examination procedures (35 Undicated below.	S.C. 371(f)). The submission must
4 1	The US has been elected (Article 3	1).	
5. X	copy of the International Applicati	on as filed (35 U.S.C. 371 (c)(2)) (in Ja	panese).
a. 🕽	is attached hereto (required on	ly if not communicated by the Internation	onal Bureau).
b.	has been communicated by the	International Bureau.	
c	is not required, as the applicati	on was filed in the United States Recei	ving Office (RO/US).
6. X A	n English language transtation of t	he International Application as filed (35	U.S.C. 371(c)(2)).
a <b>)</b>	is attached hereto.		
b	has been previously submitted	under 35 U.S.C. 154(d)(4).	
7. X A	mendments to the claims of the In	ternational Application under PCT Artic	le 19 (35 U.S.C. 371(c)(3))
a <b>&gt;</b>	are attached hereto (required o	only if not communicated by the Interna-	tional Bureau).
b	have been communicated by th	ne International Bureau.	
c.	have not been made; however,	the time limit for making such amenda	nents has NOT expired.
d.	have not been made and will no	ot be made.	
8 A	n English language translation of t	he amendments to the claims under PC	CT Article 19 (35 U.S.C. 371(c)(3)).
9. X	n oath or declaration of the invento	or(s) (35 U.S.C. 371(c)(4)).	
	n English language translation of t article 36 (35 U.S.C. 371(c)(5)).	he annexes of the International Prelimi	nary Examination Report under PCT
Items	11 to 20 below concern docum	ent(s) or information included:	
11. x A	n Information Disclosure Statem	ent under 37 CFR 1.97 and 1.98, wit	h PTO/SB/08A Form.
12. x A	n assignment document for record	ling. A separate cover sheet in complia	nce with 37 CFR 3.28 and 3.31 is included.
13. <b>x</b> F	irst Preliminary Amendment.		
14. x A	n Application Data Sheet under 3	7 CFR 1.76.	
15. A	substitute specification.	• •	
16. A	power of attorney and/or change	of address letter.	
17. A	computer-readable form of the se	equence listing in accordance with PC	T Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. A	second copy of the published Int	emational Application under 35 U.S.C	. 154(d)(4).
19. A	second copy of the English langu	uage translation of the international ap	plication under 35 U.S.C. 154(d)(4).

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U.S. APPLIEATION	No/(fixidate)	wn, see 3 Assigne	7 CFR (LS)		INTERNATIONAL APPL PCT/JP2		110N NO. 4/015891	ATTC	3180		NUMBER 30505	
20. X Other items or information:  Return Receipt Postcard Form PCT/IB/308 (first notice) and PCT/IB/308 (see International Search Report (Form PCT/ISA/210) Submission of Drawings transmittal w/drawings Face Page WO 2005/043772 A2 Written Opinion (Form PCT/IPEA/408) Form PCT/IPEA/409 and Form PCT/IPEA/416 Article 34 (2) (b) Amendment, Article 34 (2)(d) R Claim 4 in the Article 34 (2) (b) Amendment							(9 sheets figs. 1-9)					
Article 19(1) Amendment The following fees have been submitted									0111 47101		DTG 11050111	$\overline{}$
The following fees have been submitted  21. x Basic national fee (37 CFR 1.492(a))						\$300	\$	300.0	$\overline{}$	PTO USEONL	<b>Y</b>	
22. x Exami	ination fo	ee (37 (	CFR 1 492(c)	<u> </u>	-							$\neg$
22. x   Examination fee (37 CFR 1.492(c))   If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$	200.0	00					
]												_
23. X Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						\$	400.0	00				
			and 23 =				·	\$	900.0	00		$\neg$
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.												
Total Sheets	al Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)				RATE							
49 -100 = /50 =							x \$250.00	\$				
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					h or declaration	\$						
CLAIMS NUMBER FILED NUMBER EXTRA				NUMBER EXTRA		RATE						
Total claims 8 - 20 =		3 - 20 =	⊥		x			0.00				
Independent claims 1 - 3 =			1 - 3 =	x				0.0	00			
MULTIPLE DEPE	NDENT (	CLAIM(S)	(if applicable)			+						
					TOTAL OF A	ВО	VE CALCULATIONS =	\$	900.0	00		
Applicant of	claims sm	nall entity	status. See 37	CF	R 1.27. Fees above a	ne ne	duced by 1/2.					
							SUBTOTAL =	\$ 900.00				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						\$						
TOTAL NATIONAL FEE =					\$ 900.00							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$ 40.00							
								\$				
TOTAL FEES ENCLOSED =					\$ 940.00			$\neg$				
									unt to be ided:	\$		
								Amo char	unt to be ged	\$	940.00	

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<u>}</u>	MZUNGBERGILIO OS MAY 2000
a. A check in the amount of \$ to cover the a	above fees is enclosed.
b. X Please charge my Deposit Account No. 22-0261 in the and A duplicate copy of this sheet is enclosed.	amount of \$ 940.00 to cover the above fees.
c. X The Commissioner is hereby authorized to charge any additional fe Account No. 22-0261 . A duplicate copy of this sh	
d. Fees are to be charged to a credit card. WARNING: Information should not be included on this form. Provide credit card inform	on this form may become public. Credit card information nation and authorization on PTO-2038
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not be filed an granted to restore the International Application to pending st	
	/// , D , MAY 3,2006-
	Michael L
SEND ALL CORRESPONDENCE TO:	VSIGNATURE VSIGNATURE
	1
	Michael A. Sartori, Ph.D.
	NAME
CUSTOMER NUMBER: 26694	
	41,289 REGISTRATION NUMBER
	REGISTRATION NOMBER
#746904	
•	
	•

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). Not Yet Assigned Application Number FEE TRANSMITTAL Concurrently Herewith:) Filing Date For FY 2006 Masashi TAKADA First Named Inventor **Examiner Name** Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 Not Yet Assigned Art Unit TOTAL AMOUNT OF PAYMENT 31869-230505 940.00 Attorney Docket No. METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Venable LLP x Deposit Account Deposit Account Number: 22-0261 Deposit Account Name: For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below Charge any additional fee(s) or underpayment of x | Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.) 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES** SEARCH FEES **EXAMINATION FEES Small Entity Small Entity Small Entity Application Type** Fees Paid (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Utility 200 300 150 500 250 100 Design 200 100 100 50 130 65 200 Plant 100 300 150 160 80 300 500 250 600 300 Reissue 150 Provisional 200 100 0 0 0 2. EXCESS CLAIM FEES **Small Entity** Fee (\$) Fee (\$) Fee Description Each claim over 20 (including Reissues) 50 25 Each independent claim over 3 (including Reissues) 200 100 Multiple dependent claims 360 180 Multiple Dependent Claims **Total Claims** Fee Paid (\$) Extra Claims Fee Paid (\$) - 20 = Fee (\$) HP = highest numer of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee Paid (\$) 1 \_\_\_\_ -3 = \_\_\_\_ HP = highest numer of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Fee Paid (\$) Extra Sheets Number of each additional 50 or fraction thereof - 100 = \_\_ (round up to a whole number) x 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 8021 Recording each patent assignment, agreement or ... 40.00 1631 Basic National Stage fee 300.00 1642 National Stage Search Fee - search report ... 400.00 1633 National Stage Examination Fee - all other ... 200.00

SUBMITTED BY	Mulling				
Signature	Mhlandoe	Registration No. (Attorney/Agent)	41,289	Telephone	(202) 344-4000
Name (Print/Type)	Michael A. Sartori, Ph.D.			Date	May 3, 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Masashi TAKADA

International Application No.:

PCT/JP2004/015891

International Filing Date:

October 27, 2004

Appl. No. To Be Assigned

Art Unit: To Be Assigned

Confirmation No. To Be Assigned

Examiner: To Be Assigned

Filed: May 3, 2006

Atty. Docket No. 31869-230505

For: ECHO CANCELLER

Customer No.



## **Submission of Formal Drawings**

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Applicant submits herewith nine (9) sheet of formal drawings, containing Figures 1-9.

Respectfully submitted,

Date: May 3, 2006-

Michael A. Sartori Ph. D. Registration No. 41,289

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